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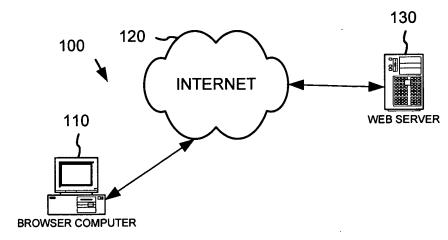
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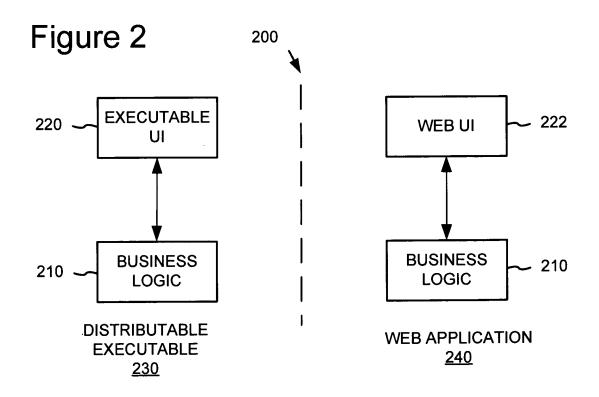
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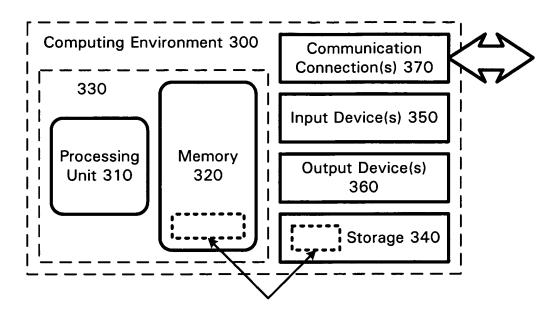
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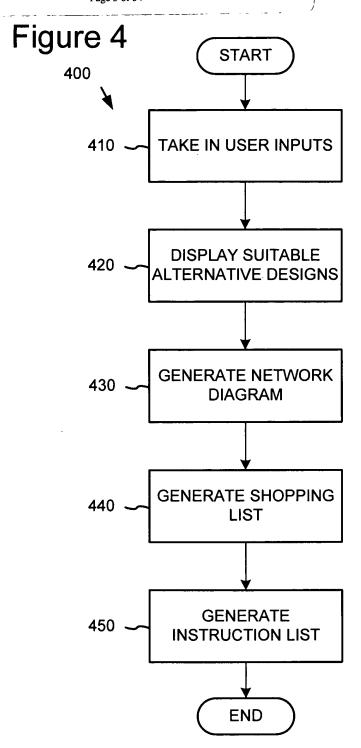




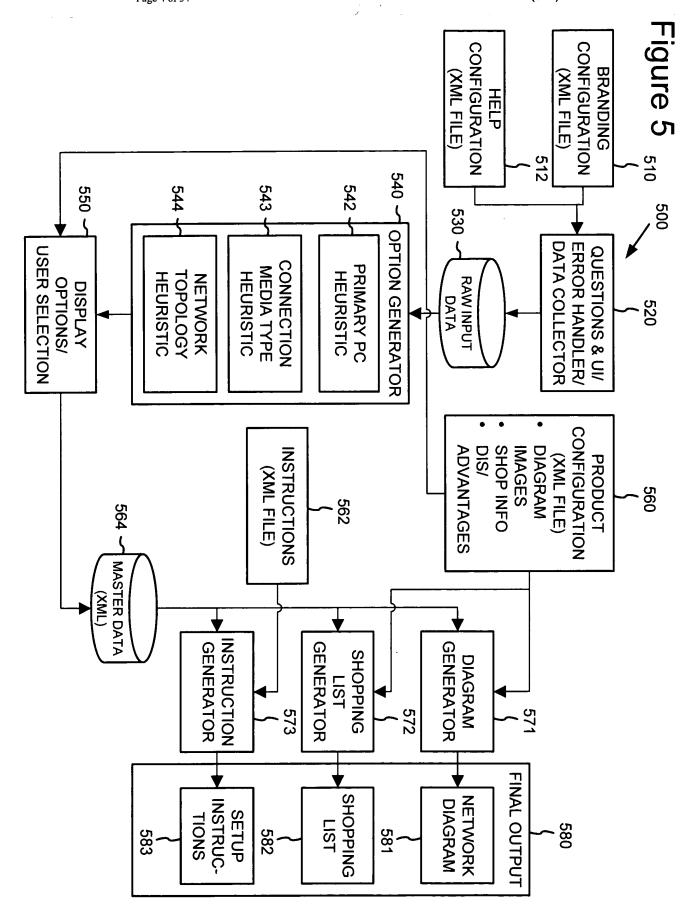


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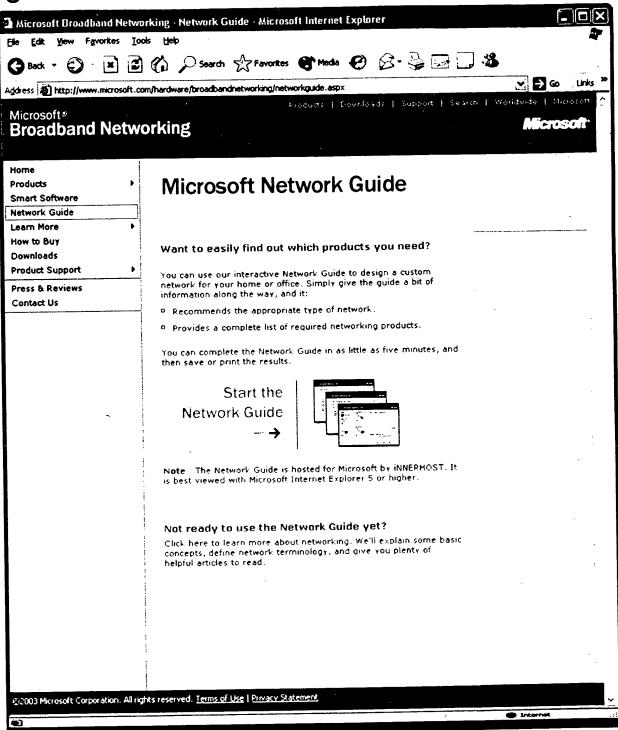
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Aicrosoft@Network Guide - Microsoft Internet Explorer network your computers and your home or office. Simply answer a short series of questions. We'll give you the tools and confidence you need to set up your Microsoft® Network Guide The Network Guide will provide one recommended solution and several alternatives customized for Decide what type of network is best for you and choose a network configuration. When you finish the Network Guide, you'll be able to: (enlarge sample) Network Diagram (Click an image below to see an example of the customized information.) Purchase recommended components online. Review your customized diagram and a list of recommended networking components you will need to purchase. (enlarge sample) Shopping List Next v

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	progress: approximately 8% complete
	O 2 computers 3 computers
·	Select the number of computers that you plan to connect in your network. Include computers that you plan to buy as well as computers that you have now.
What if I have more than 3 computers to connect?	Using this Network Guide, you can create a basic network of 2 or 3 computers. (You can add more computers to your network later, if you wish.)
©) Need Help?	You can connect up to 3 computers
Microsoft	Microsoft® Network Guide
• <u> </u>	3 Microsoft® Network Guide - Microsoft Internet Explorer

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Figure S

progress: approximately 17% complete < Back Next >	3 L1 Notebook , Plan to buy	.	1 ☐ Desktop 💽 Existing computer	Computer Name Computer Type New or Existing?	Select the type of each computer and whether you already own it or are planning to buy it. (If you're planning to buy, we can recommend features to book for.)	of the Network Guide questions.	Enter a unique name for each computer (for example, "Toby's notebook" or "Kitchen computer"). Providing your own computer names makes it easier for you to understand the rest	Name and describe your computers	Microsoft" Network Guide	
				computers?	Why are you asking whether I plan to buy new	What is a desktop computer?	What is a notebook computer?	©) Need Help?	Microsoft	

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Alicrosoft® Network Guide - Microsoft Internet Explorer	rosoft Internet Explorer	X : T
Microsoft [®] Network Guide	vork Guide	Microsoft
Where are your computers located?	nputers located?	
Knowing the locations of the owireless or wired solution is be located.	Knowing the locations of the computers you want to connect helps us determine whether a wireless or wired solution is best for you. Please select the room where each computer is or will be located.	
Computer Name	Room	
10	A september 19 and 19 a	
: 2		
£	Toward Company	
progress: approximately 25% complete	25% complete < Back Next >	

progress: approximately 33% complete < Back Next >	Windows XP (D2 Windows XP (*)	D1 Windows XP 💉	Computer Name Operating System	Select an operating system for each computer. To ensure that you have the best and easiest networking experience, the Network Guide supports Windows 98, Windows 2000, Windows Milennum Edition, and Windows XP. If you have any other operating system, click here to learn about upgrading your computer.	What is the operating system for each computer?	Microsoft® Network Guide	⅓ Microsoft© Network Guide - Microsoft Internet Explorer
					How do I identify the operating system?	W) Need Help?	Microsoft	- X

Aicrosoft© Network Guide - Microsoft Internet Explorer	crosoft Internet Explorer	- X
Microsoft® Network Guide	work Guide	Microsoft
How are your com	How are voir computers connected to the Internet?	©) Need Help?
When your computers are pa modern. Knowing what kind o	When your computers are part of a network, they can share one Internet connection using a modern. Knowing what kind of modern each computer has (before you set up your network), helps	What is a broadband connection?
us determine the best networking solution for you.	orking solution for you.	How can I tell what type of
If you aren't sure what kind	If you aren't sure what kind of modern each computer has, check the documentation that came	modem I have?
with the computer.		What is USB?
Computer Name	Current Internet Connection	What is Ethernet?
D1	External Broadband Ethernet Modem 💌	What is an Ethernet Port?
02	Dial-Up Phone Line Modem	What is a USB Port?
ב	External Broadband Ethernet Modem	
progress: approximately 41% complete	/ 41% complete < Back Next >	

Aicrosoft® Network Guide - Microsoft Internet Explorer	- X
Microsoft® Network Guide	Microsoft
Wireless networks work well in most homes and small offices. They provide the most flexibility and	What is a wireless network?
are the easiest to install.	Where should I place my
However, a wireless network may not be a good solution for some homes and small offices. Wireless connections may not function well over long distances and may not transmit well through metal or water.	wireless base station/access point?
Do you think a wireless network will work in your home or small office?	
Oyes	
ONO	
● I don't know; please help me decide	
progress: approximately 50% complete < Back Next >	

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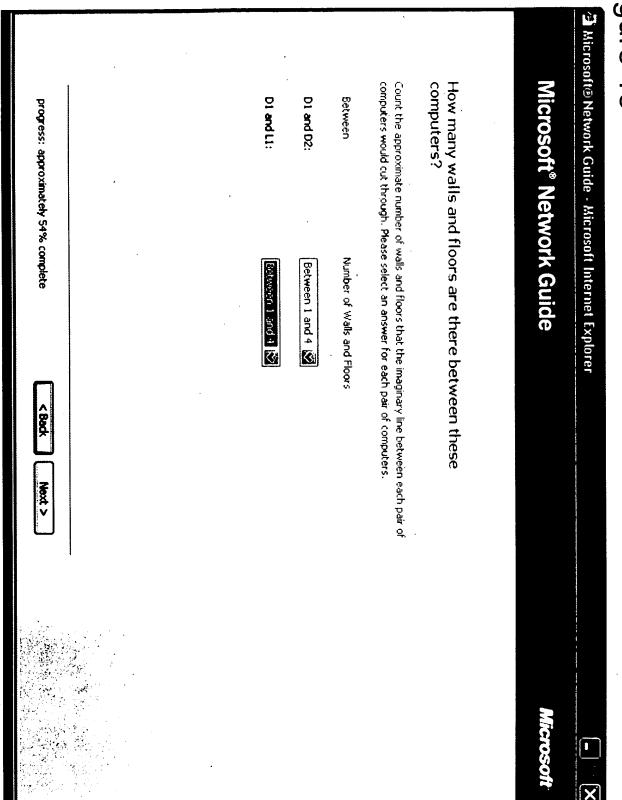
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Figure 14

Microsoft® Network Guide - Microsoft Internet Explorer ignoring walls and floors, approximately how long would the lines be? Please select an answer for If you were to draw a straight line between each pair of computers in your home or office, each pair of computers. Microsoft® Network Guide How far apart are the computers you want to connect? DI and LI D1 and D2 Between: progress: approximately 52% complete Computer "L1" is mobile. Distance: Less than 160 feet 🐼

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	progress: approximately 56% complete < Back Next >	progress: approxin
	To answer the few questions that remain, click Next .	To answer the few que
	Because signal strength can be affected by the distance between wireless devices and by obstructions such as doors and walls, be sure to follow these placement suggestions.	Because signal strengt obstructions such as d
	Based on your answers, it appears that a wireless network is suitable for your home.	Based on your answer
	A wireless network is suitable	A wireless net
Microsoft	Microsoft® Network Guide	Microsoft* I
_ · [>	🔁 Microsoft® Network Guide - Microsoft Internet Explorer	Microsoft® Network Guide

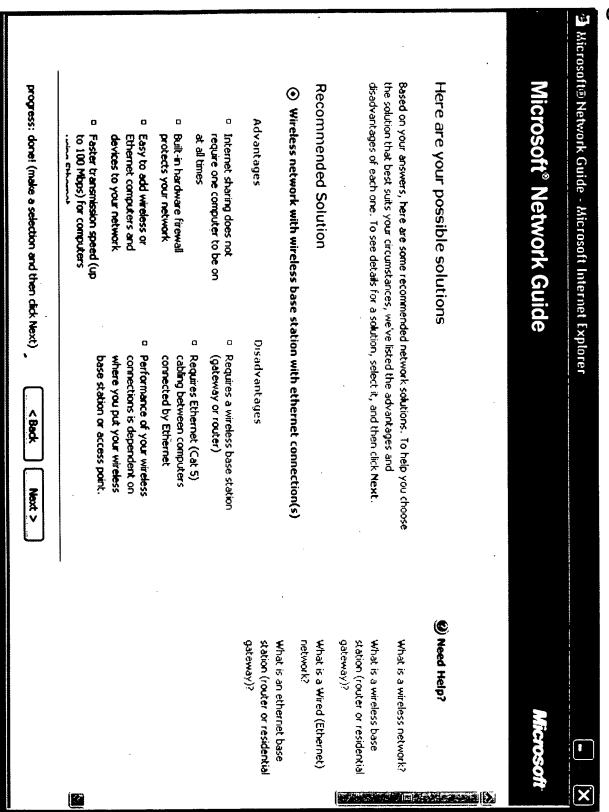
What is a wired (Ethernet) are network? What do Ethernet wall jacks look like?	Is your home or office wired for networking? If you have Ethernet cable (Cat 5) installed in your home or office, it is very easy to set up an Ethernet network. Do you have Ethernet wall jacks in the rooms where your computers are located? ② Yes ○ No	Is your home or office If you have Ethernet cable (Cat 5) Ethernet network. Do you have Ethocated? O Yes O No
Microson	ork Guide	Microsoft® Network Guide

	76% complete < Back Next >	progress: approximately 76% complete
	We recommend a PC card adapter for notebook complicies	Ε.
	Yes, I have an available USB port	D2:
	Yes, Thave an available USB port	D1:
What if all of my USB ports are in use?	network adapter is fast and easy. If your desktop computers have USB ports, we may recommend this type of adapter. For notebook computers, we recommend pc card adapters.	network adapter is fast and recommend this type of ada
What is a USB port?	You will need a network adapter to connect each computer to your network. Installing a USB	You will need a network ada
W Need Help?	Do you have a USB port on each desktop computer?	Do you have a USE
·		
Microsoft	work Guide	Microsoft® Network Guide
×	crosoft Internet Explorer	Aicrosoft Network Guide - Microsoft Internet Explorer

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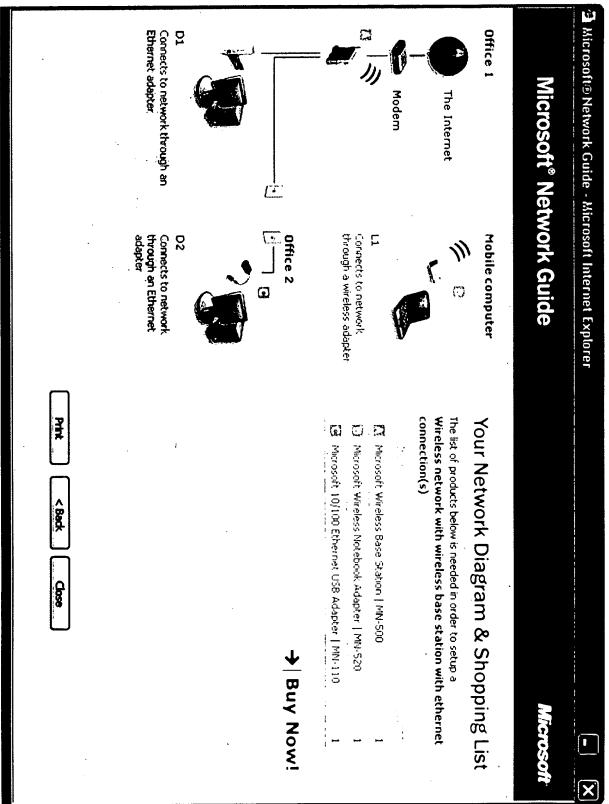
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🗿 Microsoft® Network Guide - Microsoft Internet Explorer	×
Microsoft® Network Guide	Microsoft
Do any of your computers already have a network adapter?	W) Need Help?
Your computers may already have hardware for connecting to a network. This hardware is called a network adapter or network interface card (NIC).	What is a network adapter?
Knowing whether you already have one or more network adapters and what types they are will help us recommend the best networking solution for you.	network adapter I have?
I need help with this question.	
D1 The network adapter is connected to a modern.	
D2 No network adapter	
. L1 The network adapter is connected to a modern.	
	・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・
progress: approximately 84% complete < Back Next >	



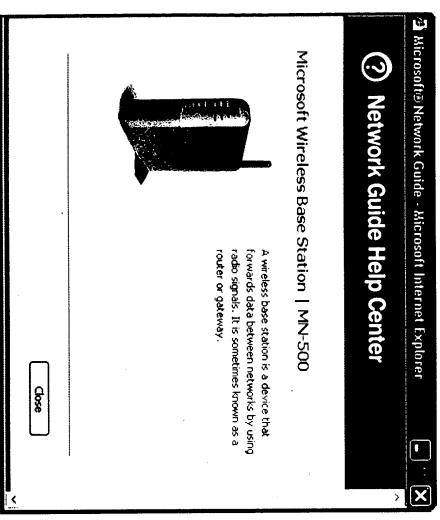
	progress: done! (make a selection and then click Next) < Back Next >	progress: done! (make a
	wirelessly outer(s) ur home	o Freedom to use wirelessly connected computer(s) anywhere in your home
	gates not a Requires a wireless base station (gateway or router) puter to be on (gateway or router) Performance of your wireless connections is dependent on where you put your wireless eless or base station or access point. Iters and network	 Internet sharing does not require one computer to be on at all times Built-in hardware firewall protects your network Easy to add wireless or Ethernet computers and devices to your network
	Wireless network with wireless base stationAdvantagesDisadvantages	Wireless network Advantages
	r nome net connected he network smission	anywhere in your name a Additional Ethernet connected computer(s) in the network with faster transmission speeds. Alternate Solution 1
	wirelessly uter(s)	a Freedom to use wirelessly connected computer(s)
Microsoft	Microsoft Internet Explorer	Microsoft® Network Guide - Microsoft Internet Explorer Microsoft® Network Guide

	k Next) < Back Next >	progress: done! (make a selection and then click Next)
		using Ethernet
		a Faster transmission speed (up to 100 Mbps) for computers
	cabling between computers connected by Ethernet	 Built-in hardware firewall protects your network
W. S. House, S.		a Internet sharing does not require one computer to be on at all times
	Disadvantages	Advantages
	tation	Wired network with ethernet base station
		Alternate Solution 2
		 Freedom to use wirelessly connected computer(s) anywhere in your home
		devices to your network
I <u>D</u>	connections is dependent on where you put your wireless base station or access point.	
Microsoft	de	Microsoft® Network Guide
- X	t Explorer	🗿 Microsoft® Network Guide - Microsoft Internet Explorer



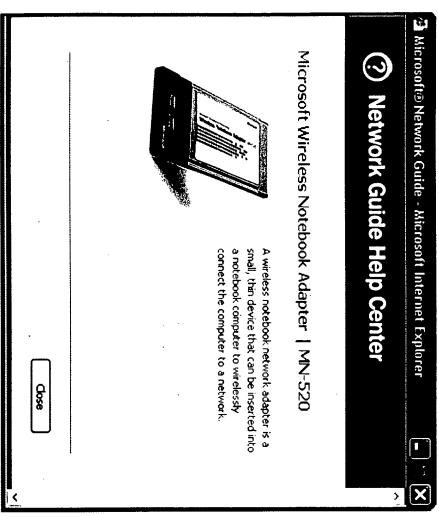
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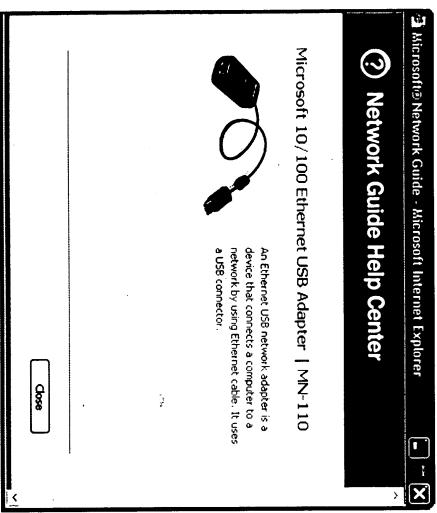
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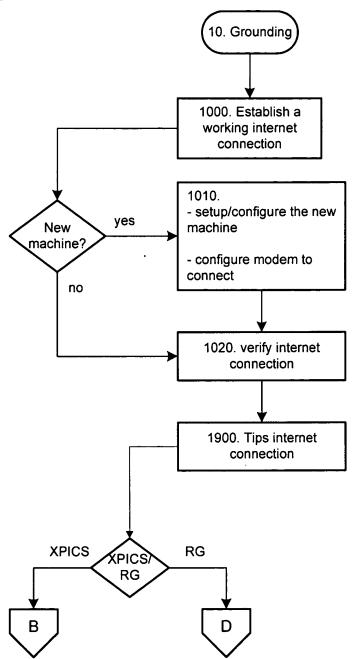
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```
2700
              If (first char == 'i')
                     //ICS Based solution
                     add ICS on primary PC
                     if (code contains 'p')
                             add powerline bridge
                     if (code contains 'h')
                             add HPNA bridge
                     if (code contains 'w')
                             add wireless access point
                     if (2+ comps in first room)
                             add hub
              else
                     //RG Based solution
                     if (code contains 'w')
                             add wireless RG
                             if (more than 2 comps in first room)
                                     add hub
                     else
                             add wired RG
                             if (code contains 'p')
add powerline bridge
                             if (code contains 'h')
                                     add HPNA bridge
                             if (more than 2 comps in any room)
                                     add hub
```

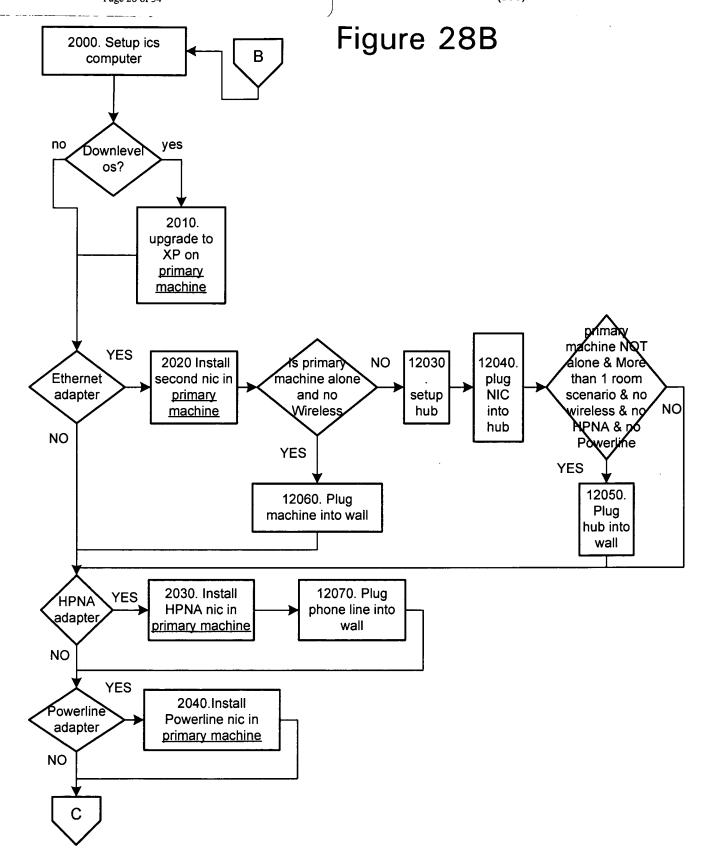
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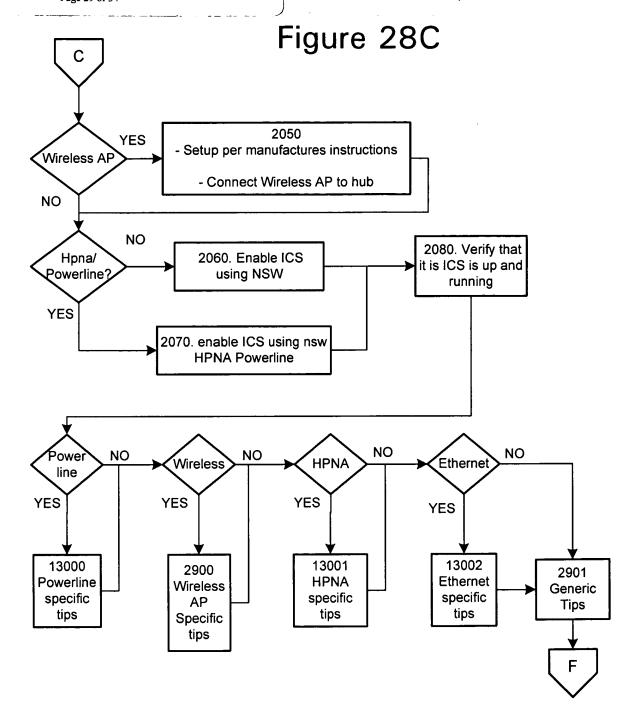
Figure 28A



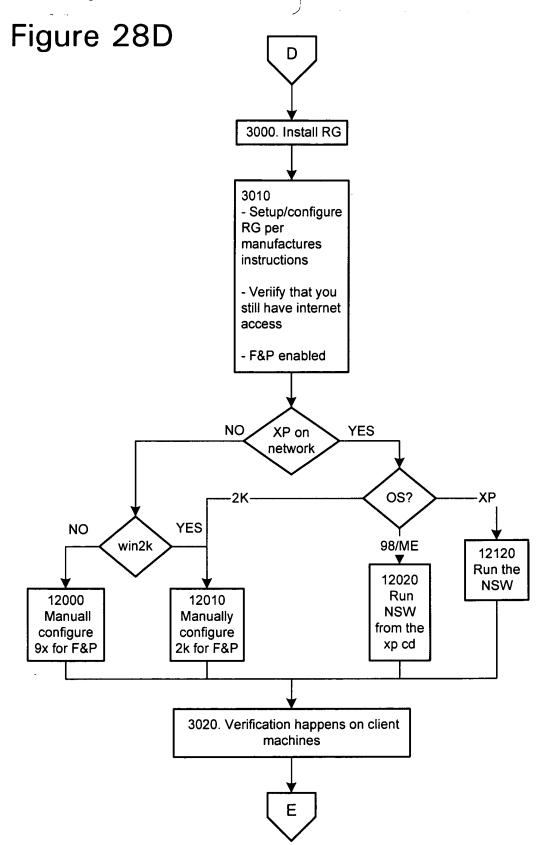
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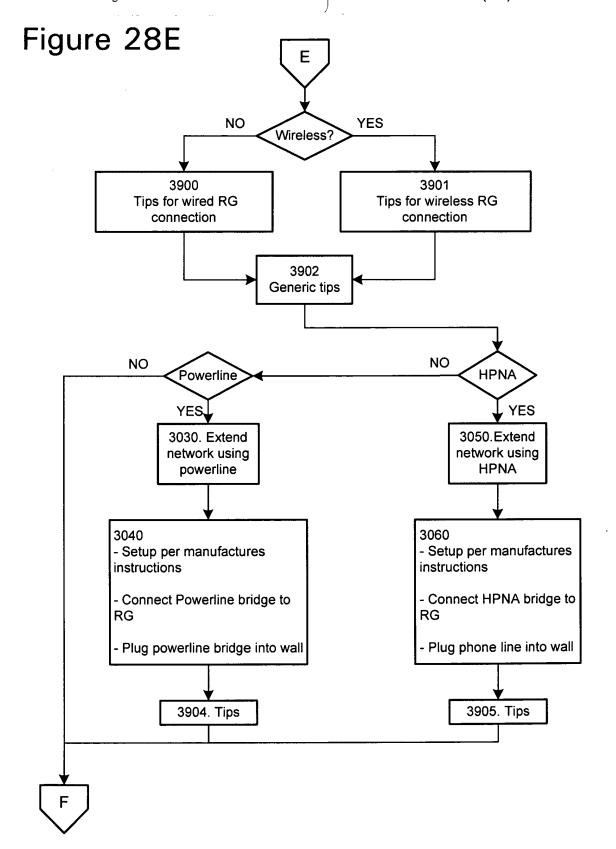
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plug NIC into hub

4060. verify that you can browse the web

G

12045.

YES

12065. Plug machine into wall

machine into 12060. Plug

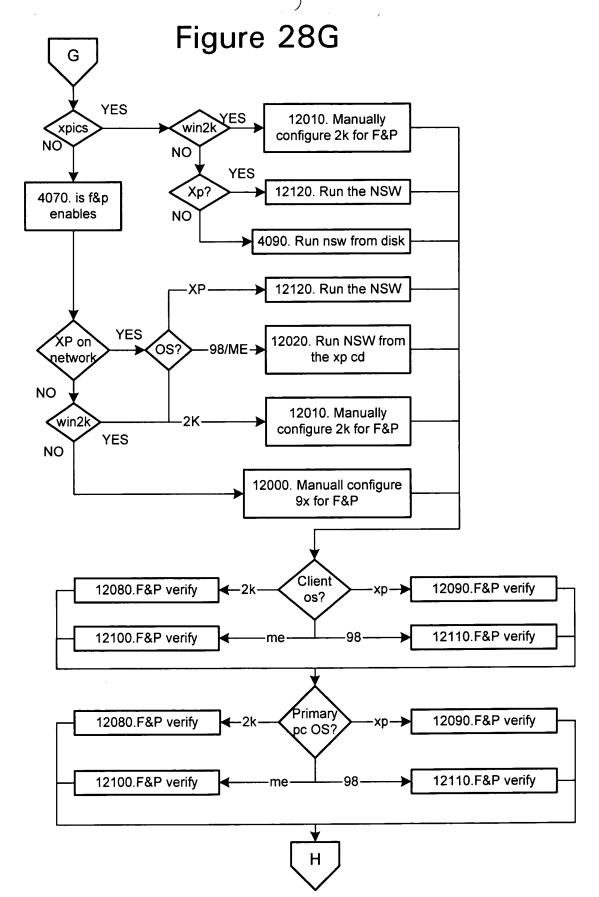
¥a∐

Existing NIC

YES

NO

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